

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Withdrawn) A depth measuring apparatus, comprising:

a transducer emitting an ultrasonic signal into a body of water from a fixed position on a ship and receiving echo signals to determine water depth information of said body of water; and an indicator having a screen displaying said water depth information based on a received echo signal,

wherein a frequency of an ultrasonic wave is automatically switched to a high frequency or a low frequency in accordance with the water depth information.

2. (Withdrawn) The depth measuring apparatus of claim 1, wherein a change in water depth information is calculated on the basis of past water depth information, and a result is displayed with a mark on the screen.

3. (Withdrawn) The depth measuring apparatus of claim 1, wherein a draft value is to be set on the screen of the indicator, and when the draft value is set, an oscillation line is set and a water depth scale is shifted upward.

4. (Original) A display apparatus, comprising:

a display instrument having a display screen for displaying a predetermined image and an alarm on in an emergency,

wherein the predetermined image is displayed on the display screen at low brilliance, and

the screen is changed into high brilliance during an alarm time.

5. (Original) The display apparatus of claim 4, wherein during the alarm time, said alarm gives an alarm by sound.

6. (Original) The display apparatus of claim 4, wherein the display screen flashes on and off during the alarm time.

7. (Original) The display apparatus of claim 4, further comprising:  
measurement means for measuring water depth data and said display instrument displaying water depth data measured by the measurement means,  
wherein said display screen of the display instrument displaying an alarm on in a case where the water depth data is abnormal, and  
wherein the water depth data is displayed on the display screen at low brilliance, and the screen is changed into high brilliance at an alarm time.

8. (Original) The display apparatus of claim 7, wherein the alarm is displayed on the display screen, and an alarm signal is generated when the water depth data is abnormal.

9. (Original) The display apparatus of claim 7, wherein the alarm is displayed on the display screen and the alarm is given by a sound when the water depth data is abnormal.

10. (Original) The display apparatus of claim 7, wherein on the display screen, a seabed line is historically displayed on the basis of a water depth measurement value, an alarm water depth mark as a reference to give the alarm is displayed, and the alarm is displayed together with the seabed line and the alarm water depth mark.

11. (Original) The display apparatus of claim 7, wherein the display screen is made to flash on and off at the alarm time.

12. (Withdrawn) A display apparatus comprising:

an operation part in which a plurality of keys are arranged; and

a display part for displaying a predetermined image, wherein

a mode switch for setting a mode is provided in the operation part, and

in a case where any one of the plurality of keys is pushed in a state where the mode switch is set to a help mode, guidance as to the key is displayed on the display part.

13. (Withdrawn) The display apparatus of claim 12, wherein while the help mode is set, each time a new key is pushed, the guidance as to the key is renewed and is displayed.

14. (Withdrawn) The display apparatus of claim 12, further comprising measurement means for measuring a water depth, and wherein said display part displays water depth data measured by the measurement means.

15. (Currently Amended) A display apparatus, comprising:

a display instrument having a display screen for displaying a predetermined image and an alarm-on in an emergency,

wherein the display screen is initially adjusted to display at high brightness and subsequently flashes on and off during an alarm time.

16. (New) The depth measuring apparatus of claim 4, wherein an alarm graphic is provided simultaneously with a present water depth value during the alarm time.

17. (New) The depth measuring apparatus of claim 16, wherein the alarm graphic

includes a text warning.

- 18. (New)** A method for displaying measured depth information, comprising:
  - providing water depth information on a display;
  - determining whether the water depth is abnormal;
  - increasing the brightness of the display and providing an alarm when the water depth is determined abnormal;
  - determining whether an alarm state is manually terminated; and
  - restoring the brightness of the display to normal and ceasing the alarm when the alarm state is manually terminated.